

Subject: A) Amendment of the Operations Manual.
B) Inspection Program To Increase The Service Life.

Serial number applicability: A) All ASW 17, Data Sheet no.L-282, as of serial no.17001.
B) All ASW 17, Data Sheet no.L-282, as of serial no.17001.

Compliance: A) By the next annual C. of A. inspection, but not later than Dec. 31, 1993.
B) Prior to reaching a service life of 3000 hours.

Reason: The results of fatigue tests on fiber composite wings and wing spars have demonstrated that a service life of 12000 hours can be reached for these structural components. As the fatigue tests did not cover the entire (fiber composite) glider, the service life of 12000 hours can be granted only if the airworthiness of each individual glider (beyond the obligatory annual C. of A. inspections) is demonstrated in a special multi-step inspection program for the purpose of increasing the service life.

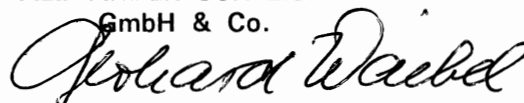
Action: The Operations Manual page 32 must be exchanged for a new page with the same page no., but with the revision entry & date "TN 13/ 19.01.93 GW". The new Operations Manual pages 39 thru 41 as well as the Maintenance Instructions must be inserted. The accomplishment of the change /supplement to the Manual must be documented on Page 3 "Amendments to the Manual". The instructions and notes given in these amended and new pages respectively must be regarded!

Material & drawings: The Manual pages, the Maintenance Instructions, as well as the "Inspection Program To Increase The Service Life" and the drawing "Wing Survey 170.51.S.40B" can be ordered from Messrs.SCHLEICHER or from the SCHLEICHER agency in your country. Because of the low production number of the ASW 17 model very little inspection feed back so far has become available; therefore, the well detailed ASW 20 Inspection Program is also applied to the ASW 17.

Notes: A flexible endoscope of about 3 m length is required for the inspection of the wing control circuit through the existing control holes. In case that an endoscope is not available, additional inspection holes (in accordance with drawing 170.51.S.40B) can be drilled if necessary. After the inspection has been terminated, these inspection holes must be closed again.
The "Inspection To Increase The Service Life" must only be accomplished by the manufacturer or by a technical aviation service station holding an appropriate license; the accomplishment must be certified by a licensed aviation inspector in the glider logbook and in the glider inspection certificates. The amendment /supplement to the Manual can be done by the owner of the glider himself.

Poppenhausen, Jan. 19, 1993

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i.A. (Gerhard Waibel)

The German original of this Technical Note has been approved by the LBA under the date of JUNE 7, 1993 (signature: SCHMALJOHANN). The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is controlling.

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